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May 9, 2011

Mr. William Lindner **Via Fed-Ex**

New Jersey Department of Environmental Protection
Brownfield Remediation & Reuse Element
401 E. State Street, 6th Floor
P.O. Box 028
Trenton, New Jersey 08625

RE: 1st Quarter 2011 Progress Report
Former Ingersoll Rand Facility
Phillipsburg, Warren County, New Jersey
PI#: 012833

Dear Mr. Lindner:

On behalf of Ingersoll Rand Company (Ingersoll Rand), AECOM has prepared this progress report to describe activities conducted from January 2011 through March 2011 at the above-referenced facility. Pursuant to paragraph 36 of the Administrative Consent Order (ACO) June 30, 1994, which was signed by Patricia Nachtigal for Ingersoll Rand and Ronald T. Corcory for the New Jersey Department of Environmental Protection (NJDEP), Ingersoll Rand is required to submit quarterly progress reports for the remedial investigation activities at the above-referenced site. This 1st Quarter 2011 progress report was prepared in general accordance with the Technical Requirements for Site Remediation (N.J.A.C. 7:26E-6.6 et seq.).

I. WORK CONDUCTED DURING THIS REPORTING PERIOD (1ST QUARTER 2011)

During this reporting period the following activities were conducted:

- Continued Inspection of Old Landfill, Foundry, and Cameron installed engineering controls;
- Continued Remedial Activities (capping & wall installation) along the Cameron side slope (Green & Center Street);
- Completed and submitted the required NJDEP Receptor Evaluation form; and
- Conducted sampling of the potable well located at the 437 Lock St. residence. Results are provided in Table 1 (Attachment 1).

II. ACTIVITIES DELAYED DURING THIS REPORTING PERIOD

There were no delayed activities during this reporting period.

III. WORK SCHEDULED FOR NEXT REPORTING PERIOD (2ND QUARTER 2011)

During the 2nd quarter of 2011, the following work activities are anticipated. A detailed schedule of activities is included in Attachment 2.

- Continued Inspection of Old Landfill, Foundry, and Cameron installed engineering controls, as necessary;
- Continued remedial implementation at the Cameron Area; and
- Semi-annual groundwater sampling including recently installed monitoring wells MW-57 MW-58S and MW-58D.

IV. ITEMS FOR DISCUSSION AND REQUESTS FOR NJDEP CONCURRENCE

The Former Ingersoll Rand facility located in Phillipsburg, NJ is on the USEPA RCRA 2020 list. Based on the Department's April 2011 oversight guidance, RCRA 2020 list sites will continue to have Department staff assigned to oversee the remediation. According to this guidance, the remediation may not move forward without Department prior approvals. We are seeking Department confirmation that this will be the oversight model for the Phillipsburg site as discussed in AECOM's email to the Department on April 19, 2011, or whether a different oversight mechanism is preferred. Please provide clarification on this matter so that we may proceed with plans for the continued work at the facility.

Additionally, as previously discussed, Ingersoll Rand received an October 1, 2010 letter from NJDEP Bureau of Landfill and Hazardous Waste Permitting accepting the *Remedial Action Report for the Old Landfill (AOC 29)*, dated July 2009. We understand from previous conversations that NJDEP Site Remediation had no issues with the report, but could not approve it until NJDEP Solid Waste issued their acceptance. We respectfully request a written approval of the *Remedial Action Report for the Old Landfill (AOC 29)*, dated July 2009 from NJDEP Site Remediation so that we may complete the remaining items necessary to close this Area of Concern.

V. COSTS

Remedial activities have been conducted at this site since at least the mid-1980s. Costs incurred prior to 2006 have exceeded several million dollars. Costs incurred for continued remedial activities are summarized below.

		2007	2008	2009	2010	2011
Costs (000)		$1,254	$4,433	$5,599	$923	$51

VI. PROJECT SCHEDULE

The schedule for ongoing remedial activities has been revised (see Attachment 2) to reflect Preferred Unlimited, Inc.'s development plans, current remedial activities, new data, and conditions encountered in the field.

The revised schedule is based on what we believe are realistic time intervals for data collection, data review, reporting, Ingersoll Rand review, responses, and decisions. It remains Ingersoll Rand's and AECOM's mutual goal to advance this project to achieve project closure.

VII. PERMIT APPLICATIONS

No permit applications were submitted this quarter.

VIII. GROUNDWATER

Operation of the Light Non-Aqueous Phase Liquid (LNAPL) treatment system continued during the 1st quarter of 2011. Approximately 21 gallons of LNAPL/groundwater was recovered from January through March 2011, of which approximately 20 gallons are estimated to be LNAPL. Flow through the system ranged between approximately 4153 and 6067 gallons per month. A total of approximately 474,845 gallons of groundwater was recovered during this reporting period.

If you have any questions about this information, please do not hesitate to contact Dawn Horst at (732) 652-6723 or Chris Venezia at (732) 564-3641.

Sincerely,

Megan Kalos
Project Coordinator

Christopher Venezia
Senior Program Manager

cc:
Dawn Horst (Ingersoll Rand Company)
Kevin Traynor (Preferred Unlimited, Inc.)
Gary Brown (RT Environmental)
Mike Lambert (Geosyntec)
AECOM File: 03710-Pburg-7.2

Attachment 1

Table 1: Summary of Off-Site Groundwater Analytical Results – Volatile Organic Compounds

TABLE 1
Summary of Off-Site Groundwater Analytical Results - Volatile Organic Compounds
January 2011
Former Ingersoll Rand Facility
Phillipsburg, New Jersey

Analyte	CAS-RN	MCL	Units	Sample ID: 437LOCK Address: 437 Lock St. Date Sampled: 1/17/2011
1,1,1,2-Tetrachloroethane	630-20-6	-	µg/L	0.5 U
1,1,1-Trichloroethane	71-55-6	30	µg/L	0.5 U
1,1,2,2-Tetrachloroethane	79-34-5	1	µg/L	0.5 U
1,1,2-Trichloroethane	79-00-5	3	µg/L	0.5 U
1,1-Dichloroethane	75-34-3	50	µg/L	0.5 U
1,1-Dichloroethene	75-35-4	2	µg/L	0.5 U
1,1-Dichloropropanone	513-88-2	-	µg/L	1 U
1,1-Dichloropropene	563-58-6	-	µg/L	0.5 U
1,2,3-Trichlorobenzene	87-61-6	-	µg/L	0.5 U
1,2,3-Trichloropropane	96-18-4	-	µg/L	0.5 U
1,2,4-Trichlorobenzene	120-82-1	9	µg/L	0.5 U
1,2,4-Trimethylbenzene	95-63-6	-	µg/L	0.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	-	µg/L	1 U
1,2-Dibromoethane	106-93-4	-	µg/L	0.5 U
1,2-Dichlorobenzene	95-50-1	600	µg/L	0.5 U
1,2-Dichloroethane	107-06-2	2	µg/L	0.5 U
1,2-Dichloropropane	78-87-5	5	µg/L	0.5 U
1,3,5-Trimethylbenzene	108-67-8	-	µg/L	0.5 U
1,3-Dichlorobenzene	541-73-1	600	µg/L	0.5 U
1,3-Dichloropropane	142-28-9	-	µg/L	0.5 U
1,4-Dichlorobenzene	106-46-7	75	µg/L	0.5 U
1-Chlorobutane	109-69-3	-	µg/L	0.5 U
2,2-Dichloropropane	594-20-7	-	µg/L	0.5 U
2-Butanone (Methyl Ethyl Ketone)	78-93-3	-	µg/L	5 U
2-Chlorotoluene	95-49-8	-	µg/L	0.5 U
2-Hexanone	591-78-6	-	µg/L	2 U
2-Nitropropane	79-46-9	-	µg/L	2 U
4-Chlorotoluene	106-43-4	-	µg/L	0.5 U
4-Methyl-2-Pentanone (MIBK)	108-10-1	-	µg/L	2 U
Acetone	67-64-1	-	µg/L	5 U
Acrylonitrile	107-13-1	-	µg/L	5 U
Allyl Chloride	107-05-1	-	µg/L	0.5 U
Benzene	71-43-2	1	µg/L	0.5 U
Bromobenzene	108-86-1	-	µg/L	0.5 U
Bromochloromethane	74-97-5	-	µg/L	0.5 U
Bromodichloromethane	75-27-4	-	µg/L	0.5 U
Bromoform	75-25-2	-	µg/L	0.5 U
Bromomethane	74-83-9	-	µg/L	0.5 U
Carbon Disulfide	75-15-0	-	µg/L	0.5 U
Carbon Tetrachloride	56-23-5	2	µg/L	0.5 U
Chloroacetonitrile	107-14-2	-	µg/L	10 U
Chlorobenzene	108-90-7	50	µg/L	0.5 U
Chloroethane	75-00-3	-	µg/L	0.5 U
Chloroform	67-66-3	-	µg/L	0.5 U
Chloromethane	74-87-3	-	µg/L	0.5 U
cis-1,2-Dichloroethene	156-59-2	70	µg/L	0.5 U
cis-1,3-Dichloropropene	10061-01-5	-	µg/L	0.5 U
Dibromochloromethane	124-48-1	-	µg/L	0.5 U
Dibromomethane (Methylene bromide)	74-95-3	-	µg/L	0.5 U
Dichlorodifluoromethane	75-71-8	-	µg/L	1 U

Continued on Page 2

TABLE 1
Summary of Off-Site Groundwater Analytical Results - Volatile Organic Compounds
January 2011
Former Ingersoll Rand Facility
Phillipsburg, New Jersey

				Sample ID	437LOCK
				Address	437 Lock St.
				Date Sampled	1/17/2011
Analyte	CAS-RN	MCL	Units		
Ethyl Methacrylate	97-63-2	-	µg/L		1 U
Ethylbenzene	100-41-4	700	µg/L		0.5 U
Hexachlorobutadiene	87-68-3	-	µg/L		2 U
Hexachloroethane	67-72-1	-	µg/L		0.5 U
Iodomethane	74-88-4	-	µg/L		0.5 U
Isopropylbenzene	98-82-8	-	µg/L		0.5 U
m&p-Xylenes	108-38-3 & 106-42-3	-	µg/L		1 U
Methyl Acrylate	96-33-3	-	µg/L		1 U
Methyl Acrylonitrile	126-98-7	-	µg/L		0.5 U
Methyl methacrylate	80-62-6	-	µg/L		2 U
Methyl tert-Butyl Ether (MTBE)	1634-04-4	70	µg/L		0.5 U
Methylene Chloride (DCM)	75-09-2	3	µg/L		0.5 U
Naphthalene	91-20-3	300	µg/L		0.5 U
n-Butylbenzene	104-51-8	-	µg/L		0.5 U
n-Hexane	110-54-3	-	µg/L		0.5 U
Nitrobenzene	98-95-3	-	µg/L		50 U
n-Propylbenzene	103-65-1	-	µg/L		0.5 U
o-Xylene	95-47-6	-	µg/L		0.5 U
Pentachloroethane	76-01-7	-	µg/L		0.5 U
p-Isopropyltoluene	99-87-6	-	µg/L		0.5 U
Propionitrile	107-12-0	-	µg/L		5 U
sec-Butylbenzene	135-98-8	-	µg/L		0.5 U
Styrene	100-42-5	100	µg/L		0.5 U
tert-Butylbenzene	98-06-6	-	µg/L		0.5 U
Tetrachloroethene	127-18-4	1	µg/L		0.5 U
Tetrahydrofuran	109-99-9	-	µg/L		1 U
Toluene	108-88-3	1000	µg/L		0.5 U
Total Xylenes	1330-20-7	1000	µg/L		0.5 U
trans-1,2-Dichloro-2-butene	110-57-6	-	µg/L		2 U
trans-1,2-Dichloroethene	156-60-5	100	µg/L		0.5 U
trans-1,3-Dichloropropene	10061-02-6	-	µg/L		0.5 U
Trichloroethene	79-01-6	1	µg/L		0.5 U
Trichlorofluoromethane	75-69-4	-	µg/L		1 U
Vinyl Chloride (Chloroethene)	75-01-4	2	µg/L		0.5 U

Notes:

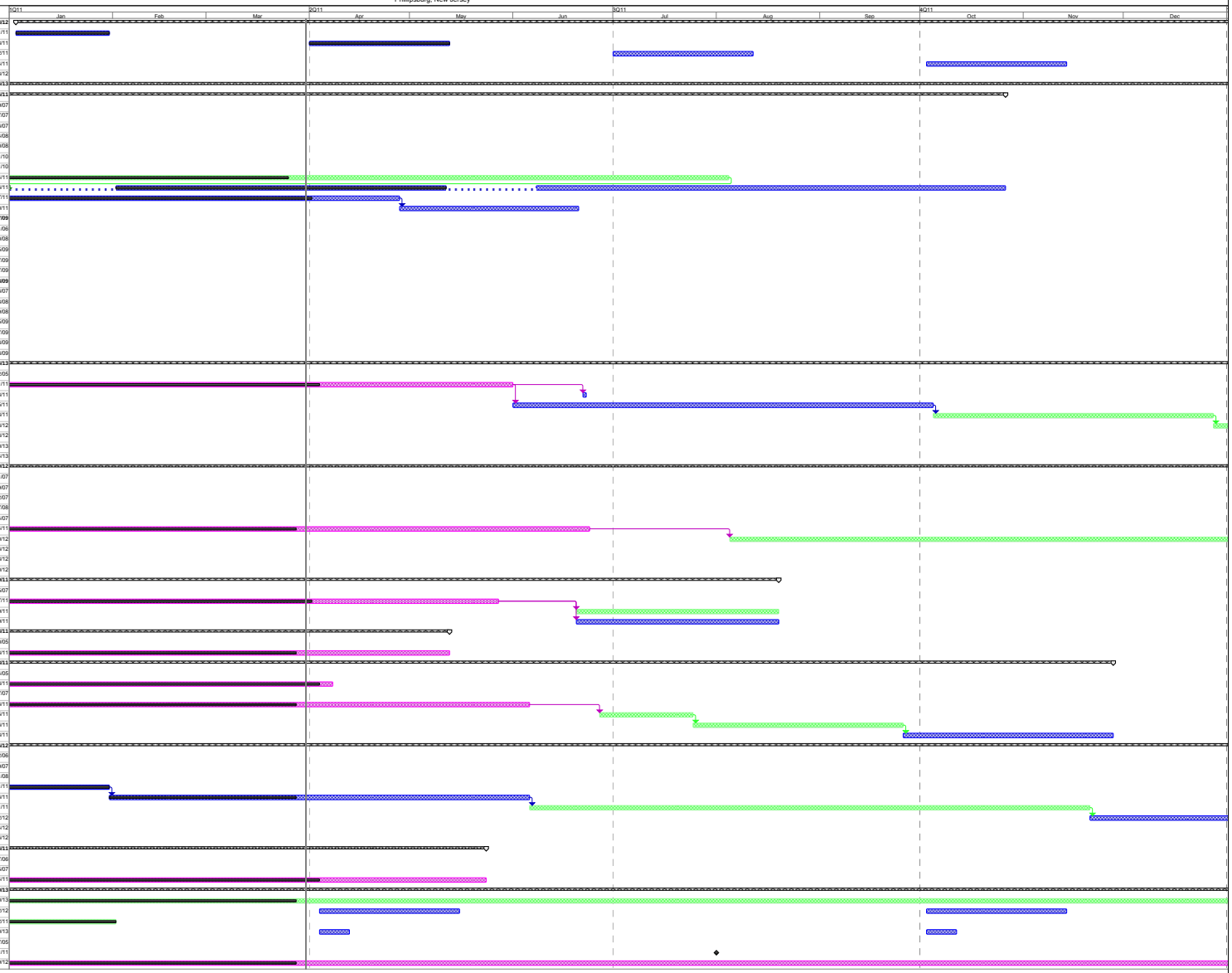
CAS-RN = Chemical Abstract Service Registry Number
MDL = Method Detection Limit
RL = Reporting Limit
TICs = Tentatively Identified Compounds
ND = Not Detected
MCL = New Jersey Maximum Contaminant Level according to NJDEP Primary and Secondary Drinking Water Standards
U - Indicates that the analyte was not detected at or above the RL shown

Attachment 2

Schedule of Proposed Activities

SCHEDULE OF PROPOSED ACTIVITIES
1st Quarter 2011 Progress Report
Former Ingersoll Rand Facility
Phillipsburg, New Jersey

ID	Task Name	Start	Duration	Finish
1	**Progress Reporting**	**Mon 1/3/11**	**290 days**	**Mon 2/13/12**
2	Progress Reporting - 4th quarter 2010	Mon 1/3/11	20 days	Mon 1/31/11
3	Progress Reporting - 1st quarter 2011	Fri 4/1/11	30 days	Fri 5/13/11
4	Progress Reporting - 2nd quarter 2011	Fri 7/1/11	30 days	Fri 8/12/11
5	Progress Reporting - 3rd quarter 2011	Mon 10/3/11	30 days	Mon 11/14/11
6	Progress Reporting - 4th quarter 2011	Mon 1/2/12	30 days	Mon 2/13/12
7	**Soil Investigation and Remediation**	**Fri 6/24/05**	**2043 days**	**Wed 4/24/13**
8	**Cameron Area Lot 5 & 6**	**Fri 3/9/07**	**1208.94 days**	**Wed 10/26/11**
9	Submission of Lot 5 & 6 RAWPA	Fri 3/9/07	0 days	Fri 3/9/07
10	NJDEP Approval of the Lot 5 & 6 RAWPA	Wed 10/17/07	0 days	Wed 10/17/07
11	EPA Notification of PCB Activity	Fri 10/26/07	0 days	Fri 10/26/07
12	Surface Soil Quality Verification Sampling	Fri 12/14/07	15 days	Fri 1/4/08
13	Lot 5 & 6 Remedial implementation - Cap repair (Top Deck)	Mon 5/26/08	120 days	Mon 11/10/08
14	Town Negotiations for ROW area for Side Slope & Boundary work	Tue 1/1/08	544 days	Mon 2/1/10
15	Update Side Slope and Soil Capping Design	Tue 2/2/10	19 days	Mon 3/1/10
16	Lot 5 & 6 Remedial implementation - Side-slope & soil capping	Thu 3/11/10	365 days	Thu 8/4/11
17	Preparation and Submittal of Remedial Action Report (RAR)	Mon 8/16/10	202 days	Wed 10/26/11
18	Deed Notice Preparation and Filing	Thu 12/23/10	90 days	Wed 4/27/11
19	RAO Development and Submittal	Thu 4/28/11	38 days	Mon 6/20/11
20	**Old Landfill (AOC-29)**	**Wed 2/1/06**	**902 days**	**Fri 7/17/09**
21	Submission of the Old Landfill Remedial Action Work Plan	Wed 2/1/06	0 days	Wed 2/1/06
22	NJDEP RAWP Approval	Wed 10/24/07	106 days	Thu 3/20/08
25	Old Landfill Remedial Implementation	Mon 11/5/07	313 days	Thu 1/15/09
29	Preparation and Submittal of OLF Remedial Action Report	Mon 1/5/09	139 days	Fri 7/17/09
30	RAR Submittal	Fri 7/17/09	0 days	Fri 7/17/09
31	**Foundry Area**	**Tue 3/6/07**	**669 days**	**Mon 9/28/09**
32	Submission of Foundry Response and Foundry Area RI/RAWPA	Tue 3/6/07	0 days	Tue 3/6/07
33	NJDEP Approval of Foundry RAWPA	Fri 2/8/08	0 days	Fri 2/8/08
34	Foundry RA Implementation	Mon 9/8/08	58 days	Mon 12/29/08
35	Foundry RA Town approval for Boundary Work	Fri 2/15/08	340 days	Fri 6/5/09
36	Foundry RA Implementation at property boundary	Fri 6/5/09	30 days	Fri 7/17/09
37	Preparation of Foundry Remedial Action Report	Tue 5/26/09	89 days	Mon 9/28/09
38	RAR Submittal	Mon 9/28/09	0 days	Mon 9/28/09
39	**Main Facility Area**	**Fri 9/2/05**	**1993 days**	**Wed 4/24/13**
40	Submission of Main Facility Area SI/RI/RAWP	Fri 9/2/05	0 days	Fri 9/2/05
41	NJDEP Review of MFA SI/RI/RAWP	Fri 9/2/05	1498 days	Wed 6/1/11
42	Meeting with NJDEP	Wed 6/22/11	1 day	Thu 6/23/11
43	Prepare and Submit Supplemental Activities Workplan, if necessary	Wed 6/1/11	90 days	Wed 10/5/11
44	Conduct supplemental investigations, if necessary	Wed 10/5/11	60 days	Wed 12/28/11
45	Main Facility Area Remedial Action Implementation	Wed 12/28/11	120 days	Wed 6/13/12
46	Preparation and Submittal of MFA Remedial Action Report	Wed 6/13/12	120 days	Wed 11/28/12
47	Deed Notice Preparation and Filing	Wed 11/28/12	60 days	Wed 2/20/13
48	RAO Development and Submittal	Wed 2/20/13	45 days	Wed 4/24/13
49	**Inverse Ponds**	**Wed 1/31/07**	**1522 days**	**Fri 11/30/12**
50	Stream Encroachment Permit Application Submittal	Wed 1/31/07	0 days	Wed 1/31/07
51	New LURP application submittal for Stream Encroachment Permit	Fri 6/29/07	0 days	Fri 6/29/07
52	NJDEP-LURP Approval of SE Permit	Mon 10/22/07	0 days	Mon 10/22/07
53	Install New Storm water Conveyance	Mon 11/19/07	85 days	Mon 3/17/08
54	Submission of AOC-31 Remedial Action Work Plan	Fri 8/24/07	0 days	Fri 8/24/07
55	NJDEP Review (and anticipated approval) of AOC-31 RAWP	Fri 8/24/07	1000 days	Fri 6/24/11
56	Inverse Pond Remedial Activities	Fri 8/5/11	120 days	Fri 1/20/12
57	Preparation and Submittal of RAR	Fri 1/20/12	120 days	Fri 7/6/12
58	Deed Notice Preparation and Filing	Fri 7/6/12	60 days	Fri 9/28/12
59	RAO Development and Submittal	Fri 9/28/12	45 days	Fri 11/30/12
60	**Cameron Lot 4.01**	**Mon 3/5/07**	**1164.94 days**	**Fri 8/19/11**
61	Submission of Lot 4.01 Remedial Investigation Work Plan	Mon 3/5/07	0 days	Mon 3/5/07
62	NJDEP Review (and anticipated approval) of the Lot 4.01 RIWP	Fri 3/9/07	1100 days	Fri 5/27/11
63	Lot 4.01 RIWP Implementation	Mon 6/20/11	45 days	Fri 8/19/11
64	Lot 4.01 RAWP Implementation	Mon 6/20/11	45 days	Fri 8/19/11
65	**Farm and Undeveloped Area**	**Fri 12/30/05**	**1400 days**	**Fri 5/13/11**
66	Submission of Farm SI Report	Fri 12/30/05	0 days	Fri 12/30/05
67	NJDEP Review (and anticipated approval) of Farm SI Report	Fri 12/30/05	1400 days	Fri 5/13/11
68	**Lot 7.06 & Lot 7.07**	**Fri 6/24/05**	**1676 days**	**Mon 11/28/11**
69	Submission of Lot 7.06 & 7.07 SI/RI/RAWP	Fri 6/24/05	0 days	Fri 6/24/05
70	NJDEP Review of Lot 7.06 & 7.07 SI/RI/RAWP	Fri 6/24/05	1510 days	Fri 4/8/11
71	Submission of RIWP Plan for Lot 7.07 Surface soil characterization	Sat 7/7/07	0 days	Sat 7/7/07
72	NJDEP Review (and anticipated approval) of Lot 7.07 RIWP	Mon 7/9/07	1020 days	Mon 6/6/11
73	Conduct surface verification sampling	Mon 6/27/11	20 days	Mon 7/25/11
74	Preparation and Submittal of updated RI/RAWP	Mon 7/25/11	45 days	Mon 9/26/11
75	Prepare and Submit Lot 7.07 Remedial Action Report / Deed Notice	Mon 9/26/11	45 days	Mon 11/28/11
76	**Eastern Facility Area**	**Mon 9/4/06**	**1624.94 days**	**Mon 11/26/12**
77	Lot 7.02 Delineation Soil Sampling	Mon 9/4/06	20 days	Mon 10/2/06
78	Conduct Lot 7.01 Soil Investigation	Mon 2/12/07	5 days	Mon 2/19/07
79	Complete EFA Delineation	Mon 2/18/08	30 days	Mon 3/31/08
80	Prepare and Submit SI/RI for EFA	Mon 3/31/08	739.94 days	Mon 1/31/11
81	Development of Remedial Action WorkPlan	Mon 1/31/11	90 days	Mon 6/6/11
82	Remedial Implementation	Mon 6/6/11	120 days	Mon 11/21/11
83	Preparation and Submittal of RAR	Mon 11/21/11	160 days	Mon 7/2/12
84	Deed Notice Preparation and Filing	Mon 7/2/12	60 days	Mon 9/24/12
85	RAO Development and Submittal	Mon 9/24/12	45 days	Mon 11/26/12
86	**Offsite Foundry Sand**	**Mon 6/5/06**	**1296 days**	**Tue 5/24/11**
87	Offsite delineation of FSDF	Mon 6/5/06	104 days	Fri 10/27/06
88	Submission of the Offsite FSDF Remedial Investigation Report	Mon 3/5/07	0 days	Mon 3/5/07
89	NJDEP review (and anticipated approval) of Offsite FSDF RI Report	Tue 3/6/07	1100 days	Tue 5/24/11
90	**Groundwater**	**Mon 1/17/05**	**2147 days**	**Wed 4/10/13**
91	Recovery System Operations and Maintenance	Thu 1/1/09	1050 days	Thu 1/10/13
92	GW Gauging and Sampling	Mon 4/3/06	1725 days	Mon 11/12/12
110	Well Installation (Offsite delineation)	Wed 9/15/10	100 days	Wed 2/2/11
111	Offsite Residential Potable Well Sampling	Mon 11/10/08	1152 days	Wed 4/10/13
125	Submission of Annual Groundwater Monitoring Report	Mon 1/17/05	0 days	Mon 1/17/05
126	NJDEP Groundwater meeting 2	Mon 8/1/11	0 days	Mon 8/1/11
127	NJDEP Review of Groundwater Reports	Mon 1/17/05	1820 days	Mon 1/9/12



Task | Field Activities | Split | External Milestone | Inactive Task | Inactive Summary | Duration-only | Manual Summary | Finish-only | Agency Review
Agency Review | External Review | Milestone | Summary | Inactive Milestone | Manual Task | Manual Summary Rollup | Start-only | Progress

All task start dates and durations are estimated and are subject to NJDEP approval, contractor availability, weather, and conditions encountered in the field.

1Qtr2011-f.mpp